: SADDLE FITTING, FWD (OUTBOARD/INBOARD)

Qty:

10 Um: Each

Thursday, 2/21/2008 9:26:03 AM

Kim Johnston

## **Process Sheet**

**Drawing Name** 

Part Number

Material Due Date

**Drawing Number** 

Project Number

**Drawing Revision** 

Customer Job Number : CU-DAR001 Dart Helicopters Services

Type

S.O. No. :

37564

**Estimate Number** 

: 10530

P.O. Number

This Issue : 2/21/2008

: NC

Prsht Rev.

: 11 First Issue Previous Run

: 37282

Written By

Comment

Checked & Approved By

: Est: L02.10.02 Re-format; Change to Dwg Rev. D & incorporated D2572 KJ

: MACHINED PARTS

**Additional Product** 

Job Number:



n Scaring Seq. #:

1. (\$5.5) 5 50

mmedi

Machine Or Operation:

Description:

D6101007 . 10

7075-T7351 8.25X7.75X2.5

Comment: Qty.:

1.0000 Each(s)/Unit

10.0000 Each(s)

Total:

7075-T7351 8.25X7.75X2.5

Make from D6101-007 billet for D2571 Ensure that grain is along 7.75" length

Batch No:

: D2571

: N/A

; E

D2571 REV E

: 3/15/2008

€a h

-----2.0

HAAS1



Comment: HAAS CNC VERTICAL MACHINING #1



Program Batch No. Sound Double check by

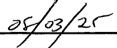
1-Machine Step No 1 per Folio FA051 and inspect per attached Dimension Sheets

2-Machine Step No 2 per Folio FA051 and inspect per attached Dimension Sheets 3-Machine Step No 3 per Folio FA051 and inspect per attached Dimension Sheets

4-Deburr and remove all machining marks

5-Tumble to remove sharp edges.

MILLING CONV



3.0

Comment: CONVENTIONAL MILLING MACHINE

Machine keyway as per dwg D2571 & D2572

4.0

QC2

INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE



Form: rorocess

**Dart Aerospace Ltd** 

	WORK ORDER CHANGES										
STEP PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
		; .									
	· · · · · · · · · · · · · · · · · · ·					***					
		,									
	STEP		STEP PROCEDURE CHANGE	STEP PROCEDURE CHANGE By	STEP PROCEDURE CHANGE By Date	STEP PROCEDURE CHANGE By Date Qty	STEP PROCEDURE CHANGE  By Date Qty Chief Eng / Prod Mgr				

Part No: D2571 PAR #: \_\_\_\_ Fault Category: Food prehined PM NCR Yes No DQA: Date: Da

NCR: 3	1564	W	ORK OR	DER NON-CONFORMANCI	E (NCR)			
		Description of NC		Corrective Action Section B	Verification	Approval	Approval	
DATE	STEP	Section A	Chief Eng Chief Eng [		Sign & Date	Section C	Chief Eng	QC Inspector
04/03/24	2.0	one saddle Is scrap beca the hole location Is of by .000". The dimension of .500" was .438.	e /	SCRAP and Destroy  and Replace atyles  B# 34875	S\$ 05/03/26		1/18	
		of .500" was .438.	Kesiur	R# 34875		08/03/26	Joness	08/08/26
		R.C. Digin was take not propelly operator	3					
		enor.		* 2				

NOTE: Date & initial all entries

Date: Thursday, 2/21/2008 9:26:03 AM User: Kim Johnston **Process Sheet** Drawing Name: SADDLE FITTING, FWD (OUTBOARD/INBOARD) Customer: CU-DAR001 Dart Helicopters Services Job Number: 37564 Part Number: D2571 Job Number: Seq. #: Description: Machine Or Operation: 5.0 QC8 SECOND CHECK Comment: SECOND CHECK HAND FINISHING1 HAND FINISHING RESOURCE #1 Comment: HAND FINISHING RESOURCE #1 Acid etch and Alodine as per QSI 005 4.1 7.0 POWDER COATING POWDER COATING Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 8.0 Comment: INSPECT POWDER COAT PACKAGING 1 PACKAGING RESOURCE #1 9.0 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: QC21 FINAL INSPECTION/W/O RELEASE 10.0 Comment: FINAL INSPECTION/W/O RELEASE hobotol Job Completion

Dart Ae	rospace	Ltd		•					
W/O:			WC	RK ORDER CH	ANGES	, ,		······································	
DATE	STEP	PRO	OCEDURE CHAI	NGE		Ву	Date Qt	Approval Chief Eng / Prod Mgr	Approval QC Inspector
				•	· • • • • • • • • • • • • • • • • • • •				
Part No	•	PAR #:	Fault Cate	jory:	NC	R: Yes N	lo DQA: _	Date: _	
						QA: N/	C Closed:	Date: _	
NCR:			WORK ORDE	R NON-CONFO	RMANC	E (NCR)			
		Description of NC	-	Corrective Action	Section B		Verificatio	n Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Descrip Chief Eng		Sign & Date	Section C	Chief Eng	QC Inspector
		-							

		Description of NC	Verification	Annroval	Approval			
DATE	STEP	Description of NC Section A	Initial Action Description Sign & Chief Eng Chief Eng Date		Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
					·			
		·						
		·						
				•	`			
						,		

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	37564
Description: Saddle, Fwd Outboard	Part Number:	D2571
Inspection Dwg: D2571 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2571 Rev. E and record below:

				Re	corded Act	ual Dimens	ions		
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
A	0.438	0.443	DI8682	.440	.440	440	440		
B C D	1.745	1.755		1.750	1.750	1.750	1.750		
C	3.495	3.505		3.300	3.500	3-500	3.√∞		
6 D	1.745	1.755		1.750	1.750	1,750	1.750		. *
E	7.990	8.010		8.001	8.001	8.007	8.000		
F	0.490	0.510		.499	.499	107.	.502		
G	0.257	0.262	- <del>DT8083</del> -	.258	1258	.258	.258		
Н	0.375	0.380	_DT8684_	.376	.376	.376	. 376		
1	0.490	0.510	· · · · · · · · · · · · · · · · · · ·	.376	.502	502	503		
J	1.174	1.184		1.179	1.179	1179	1 179		
K	0.558	0.578		.565	.569	,568	1568		
L	1.174	1.184		1.179	1.179	1.179	1.179		
M	1.490	1.500		1,496	1.500	1.500	1.500		
N	2.495	2.505		2499	2.500	2.100	2.500		1
0	3.869	3.879		3,872	3. 873	3.873	3.874		
Р	0.115	0.135		./23	.125	.125	.126	ļ	
Q	0.115	0.135	<u> </u>	./3~	135	./35	./3٢-		
R	0.240	0.260		.251	.251	.251	.25/		
S	0.115	0.135		126	127	129	./29		
Т	0.178	0.198		.188	-188	188	.188		
U	2.940	2.980		2.960	2.960	2.960	2.961		
V	0.230	0.250	· .	.241	.240	,241	.240		
W	0.115	0.135		.120	.118	.124	-125	ļ	
Х	0.308	0.313		.310	310	.3/6	. ; 310		
Υ	0.760	0.765		.762	.762	.762	. 760	-	
Z	0.352	0.372		32	1362	.362	.312		
+ AA	0.470	0.530		.500	.500	.50	500	<u> </u>	
AB	0.615	0.635		.628	.625	.625	621		
- AC	0.053	0.073		.063	.063	,063	-063		
- AD	0.240	0.260	**	.250	.250_	.250	,210	1	
AE	1.375	1.395		1.385	1.385	1.387	1.387	1	
AF	0.115	0.135		-135	135	135	.175	-	
AG	0.240	0.280		. 267	. 267	1267	1271	ļ	
AH	0.240	0.260		251	.254	250	250		
Al	2.000	2.020		2.000	2.000	2,001	2.000		
AJ	0.023	0.043		,033	. 033	.033	,033		
	Acc	ept/Reje	ct			<u> </u>			

	2
Measured by:	Audited by A
Date: 08/03/21-	Date: 08 /64/62

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
B	02.09.24	Re-format; Added Rev. D	KJ 6	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	-1
E	05.12.05	Added dimension AJ	KJ/JLM	



DART AEROSPACE LTD	Work Order:	37564
Description: Saddle, Fwd Outboard	Part Number:	D2571
Inspection Dwg: D2571 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2571 Rev. E and record below:

				Re					
Dim	Min	Max	Go/No Go Gauge	5 %	6 2	78	8 4	Ву	Date
Α	0.438	0.443	,DT8682>	.440	.440	.440	445		
В	1.745	1.755		1.750	1750	1750	1.750		
C	3.495	3.505		3.50	3,500	3.000	3.500		
Δ	1.745	1.755		1.700	1.750	1.750	1.750		
E	7.990	8.010		8.001	8.001	8.001	8.001		
F	0.490	0.510		.502	.502	.501	.500		
G ·	0.257	0.262	<del>-D∓8683-</del>	.258	.258	258	.258		
Н	0.375	0.380	DT8684	.377	.377	. 377	.377		
1	0.490	0.510		501	.508	.500	502		
J	1.174	1.184		1.179	1.179	1.179	1.179		
K	0.558	0.578		,571	.570	. 570	.572	1	
L	1.174	1.184		1.179	1.179	1.179	1.179	t,	
М	1.490	1.500		1.4/95~	1,495	1.495	1.495		
N	2.495	2.505	,	2,500	2500	2,500	2,500		
0	3.869	3.879		3.874	3-374	3.874	3.874		
Р	0.115	0.135		.125	,125	,126	.127		
Q ·	0.115	0.135		.135	135	./35	-/3/~		
R	0.240	0.260		.252	.252	.253	,252		
S	0.115	0.135		.132	.132	-130	.128		
Т	0.178	0.198		188	.188	-188	-184		_
U	2.940	2.980		2.961	2,961	2-961	2,961		
V	0.230	0.250		.240	240	.238	.235		
W	0.115	0.135		.122	.122	125	.126		
Х	0.308	0.313		. 309	1309	, 304	. 309		
Y	0.760	0.765		.760	.760	760	760		
Z	0.352	0.372		.36Z	,362	.364	-365		
AA	0.470	0.530		1500	56~5	500	L20		
AB	0.615	0.635		.635	.634	,630	630		
AC	0.053	0.073		.063	,063	.063	-063		
AD	0.240	0.260		1250	,200	1250	.250		
AE	1.375	1.395	***************************************	1.385	1.38	1.387	1.347		
AF	0.115	0.135		.13(-	.13(-	. 135	./35		
AG	0.240	0.280		-267	.267	250	,200		
AH	0.240	0.260		.254	,254	.250	.2r o		
Al	2.000	2.020		2.000	2.001	2.000	2-02		
AJ	0.023	0.043		033	.033	.033	, 033		
	Acc	ept/Reje	ct		L,		<u></u>		

Measured by: S.A.	Audited by 10/
Date: 08/03/26	Date: 08 /04/62

Rev	Date			Approved
Α		New Issue	RF	
В	02.09.24	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF ,	- 1
E	05.12.05	Added dimension AJ	KJ/JLM o	Gul/



DART AEROSPACE LTD	Work Order:	37564
Description: Saddle, Fwd Outboard	Part Number:	D2571
Inspection Dwg: D2571 Rev. E	/	Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2571 Rev. E and record below:

	Recorded Actual Dimensions			ons					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.438	0.443	→DT8882	,440	.441				
В	1.745	1.755		1.760	1.750				
С	3.495	3.505		3.500	3.750				
D	1.745	1.755		1.750	1.750				
E	7.990	8.010		9.00	8000				
<b>9</b> F	0.490	0.510		اص.	,501				
G	0.257	0.262	<del>- DT8683</del>	.258	266				
H	0.375	0.380	<b>→D</b> # 868 #	. 376	.378				
	0.490	0.510		,502	<b>504</b>				
J	1.174	1.184	•	1.179	1.178		•		
K	0.558	0.578		\$70	.572				
L	1.174	1.184		1-179	1.178				
M	1.490	1.500		1.500	1.494				
Ν	2.495	2.505	•	2.50	2.500				
0	3.869	3.879		3.274	3.874				
Р	0.115	0.135		127	.126				
Q	0.115	0.135		.135-	. 135				
R	0.240	0.260		.251	-250				
S	0.115	0.135		.127	.134				
Τ	0.178	0.198		.186	188				
U	2.940	2.980		2-467	2,966				
V	0.230	0.250		240	.247				
W	0.115	0.135		.127	.126				
Χ	0.308	0.313		. 309	369				
Υ	0.760	0.765		.760	760				
Z	0.352	0.372		.362	.363				
AA	0.470	0.530		1500	.50b .432				
AB	0.615	0.635		.628	, 432				
AC	0.053	0.073		,063	.063		1		
AD	0.240	0.260		,250	250				
AE	1.375	1.395		1.385	1.381				
AF	0.115	0.135		./30	.131				
AG	0.240	0.280		1260	-260				
AH	0.240	0.260		.200	.253				
Al	2.000	2.020		2.000	2.080				
AJ	0.023	0.043		.033	.033				
	Acc	ept/Reje	ct .						

Measured by:	Audited by	Т
Date: 05/03/27	Date: 08 /6 4 /02	
<del></del>	<b>, , , , , , , , , , , , , , , , , , , </b>	

Date	Change	Revised by	Approved
	New Issue	RF	
02.09.24	Re-format; Added Rev. D	KJ	
02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
05.05.05	Added dimension Al	KJ/RF	1
05.12.05	Added dimension AJ	KJ/JLM 🖈	all
	02.09.24 02.10.11 05.05.05	New Issue  02.09.24 Re-format; Added Rev. D  02.10.11 Re-format; Added DT8682, DT8683, DT8684  05.05.05 Added dimension Al	New Issue         RF           02.09.24         Re-format; Added Rev. D         KJ           02.10.11         Re-format; Added DT8682, DT8683, DT8684         KJ           05.05.05         Added dimension Al         KJ/RF



